

## Master of Science in Mathematical Computer Science Requirements Checklist

Student Name: \_\_\_\_\_ UIN: \_\_\_\_\_  
 Degree/Program: \_\_\_\_\_ Start term / year: \_\_\_\_\_  
 Mentor/Advisor: \_\_\_\_\_

Refer to the Graduate Handbook (Table: Good Standing and Degree Completion, p. 13) for due dates.

Due date for completing degree: \_\_\_\_\_

### 1. Departmental core courses

| Course                          | Credit hours | Semester completed | Grade |
|---------------------------------|--------------|--------------------|-------|
| MCS 401 (Computer Algorithms I) |              |                    |       |
| MCS 421 (Combinatorics)         |              |                    |       |
| MCS 471 (Numerical Analysis)    |              |                    |       |

### 2. Departmental 500 level courses completed with an A or B (12 credit hours)

At least two courses must be MCS courses. May include independent study. CANNOT include Math 589 (Teaching and Presentation of Mathematics).

| Course | Credit hours | Semester completed | Grade |
|--------|--------------|--------------------|-------|
|        |              |                    |       |
|        |              |                    |       |
|        |              |                    |       |

### 3. Two additional 400 or 500 level course (8 credit hours)

May include independent study. May include Math 589 (Teaching and Presentation of Mathematics). Courses may be selected from other departments with advisor's approval.

| Course | Credit hours | Semester completed | Grade |
|--------|--------------|--------------------|-------|
|        |              |                    |       |
|        |              |                    |       |
|        |              |                    |       |

4. Have you completed **9 hours of 500 level courses**, NOT including independent study?

5. Master's Exam: Date taken: \_\_\_\_\_ Score: \_\_\_\_\_ Passed?

Student signature: \_\_\_\_\_ Date: \_\_\_\_\_

Mentor/Advisor signature: \_\_\_\_\_ Date: \_\_\_\_\_